

For entrants in FY 2026

Appended Form 1

Specifications for Major Program

Name of School (Program) [School of Integrated Arts and Sciences (Program of Integrated Arts and Sciences)]

Program name (Japanese)	総合科学プログラム
(English)	Integrated Arts and Sciences
1. Degree: Bachelor of Arts and Sciences	
2. Outline	
<p>The Department of Integrated Arts and Sciences provides an Integrated Arts and Sciences Program with an interdisciplinary approach, synthesis and creativity as its basic principles. To achieve the diploma policy (graduation and degree conferral policy) (explained later), the Program offers an education with the content described in the Curriculum Policy (curriculum formation and implementation policy) section below. The Program is characterized by its continuous and integrated approach to Liberal Arts Education and Specialized Education.</p> <p>In their first year, along with Liberal Arts Education Subjects, students are required to take Specialized Education subjects: <i>Invitation to Integrated Arts and Sciences</i> and <i>Introduction to Integrated Arts and Sciences</i>, to foster a basic attitude of inquiry directed at discovering and solving problems based on ways of thinking backed by integrated arts and sciences.</p> <p>To allow students to study systematically, three educational fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division) have been established, in each of which four Courses are provided. The educational fields and Courses are not independent from each other, but are interrelated, forming a Comprehensive Academic Network for Science (see the attached figure).</p> <p>Students will choose one educational field in their second year, and expand their expertise by focusing on Course subjects within their chosen educational field. By simultaneously taking subjects in other fields, they will acquire interdisciplinary and comprehensive knowledge, methodology and perspective.</p> <p>Students have a great deal of freedom to select subjects in their chosen Course; they can take subjects focusing more on interdisciplinary and comprehensive ones, or on subjects in their specialized area. Apart from the Courses in the educational fields, there are “Interdisciplinary Subjects,” “Specialized Foreign Language Subjects” and “Multidisciplinary Subjects.” In Interdisciplinary Subjects, students will learn what kind of interdisciplinary research themes can be developed from the specialized field they are studying. Specialized Foreign Language Subjects are designed to help students develop specialized foreign language competencies. In the Multidisciplinary Subjects, students will learn, together with students of the Department of Integrated Global Studies, the basic knowledge and methodologies of various disciplines, which form the basis when considering various social problems in a comprehensive manner. After graduation, students will advance to a graduate school or go out into the world as human resources who can play an active role in diverse fields using the comprehensive knowledge and thinking ability that they have acquired in this Program as their selling points. The Program also caters for students who wish to obtain the Type-1 High School Teaching License (in geography/history, civics, mathematics, science or foreign language [English]).</p>	

3. Diploma Policy (Graduation and Degree Conferral Policy)

With an interdisciplinary approach, synthesis and creativity as its basic principles, the Integrated Arts and Sciences Program offers specialized education, emphasizing advanced liberal arts education. The Program aims to nurture independent and autonomous individuals who possess comprehensive knowledge and thinking ability.

This Program grants a Bachelor of Arts and Sciences to students who, in addition to acquiring the following abilities, have completed the prescribed number of credits.

1. The ability to play a leading role in addressing various problems facing modern society, through studies in three educational fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division) based on intellectual curiosity for interdisciplinary fields that span several academic disciplines
2. The ability to seek to create a new academic field that goes beyond the frameworks of the three educational fields, on the basis of deep thinking, creative perspective and rich imagination
3. The ability to pursue broad academic interests—without being constrained by their area of specialization—through interdisciplinary studies, and to respond to new situations and environments from a comprehensive perspective
4. The ability to play an active role in the local community and international society by persuasively asserting their own views, while having empathy for and understanding of different cultures and fields from a global perspective

4. Curriculum Policy (Curriculum Formation and Implementation Policy)

The Integrated Arts and Sciences Program organizes and implements the following educational curriculum in order to realize the diploma policy set forth for the program. The program provides education and learning that utilizes active learning, experiential learning, online education, etc., according to the educational content of lectures and seminars.:

1. Liberal Arts Education aims to cultivate within students awareness of peace, a broad and deep cultural sensitivity, comprehensive judgment and rich humanity, and to develop academic interest in a wide range of fields and cultivate the ability to approach things in an interdisciplinary and comprehensive manner. To this end, the curriculum is designed to help students develop practical foreign language skills, international perspective and the ability to understand different cultures, information utilization skills, and communication skills.
2. In parallel with Liberal Arts Education subjects, students are required to take a specialized education subject “Invitation to Integrated Arts and Sciences” in the first semester of the first year. This subject is designed to deepen students’ understanding of a comprehensive scientific approach to addressing complex problems facing modern society, through lectures and student discussions on the history and current state of academic disciplines, which have become increasingly fractionalized, expectations and challenges toward integrated arts and sciences, and the history of the School of Integrated Arts and Sciences. In the second semester of the first year, students are required to take another Specialized Education subject “Introduction to Integrated Arts and Sciences.” This subject is designed to help students understand the outline of three educational fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division) and four Courses in each educational field, and deepen their understanding of the practice of integrated arts and sciences through Problem-Based Learning (PBL) and group presentations.

3. In their second year, students are required to select their research area from the three educational fields, and further decide on their core Course from the four Courses offered in their chosen educational field. While deepening their specialized knowledge by pursuing studies in their chosen core Course, students are expected to acquire interdisciplinary and comprehensive knowledge, methodology and perspective by simultaneously taking subjects in other educational fields through utilizing the flexible course registration system. “Multidisciplinary Subjects,” which can be taken by students in both the Department of Integrated Arts and Sciences and the Department of Integrated Global Studies, aim to help students learn basic knowledge and methodologies of various academic fields. Students will acquire well-balanced knowledge by taking subjects offered in the three fields of human sciences, social sciences and natural sciences.
4. In the upper years, in addition to core Course subjects in their chosen educational field, students will take “Interdisciplinary Subjects,” which involve lectures introducing cross-field, interdisciplinary research projects, seminars aiming at establishing new interdisciplinary themes, and experiments & seminars for learning interdisciplinary methods. Interdisciplinary Subjects are designed to improve students’ scientific literacy and deepen their knowledge of research ethics while nurturing their understanding of the feasibility of interdisciplinary research, and to encourage them to take on specific challenges in integrated arts and sciences. In addition, as “Specialized Foreign Language Subjects,” seminar subjects are offered to allow students to further improve their practical foreign language skills from a global perspective, so that they can deliver research presentations and communicate effectively in an international environment, and also to deepen their understanding of methodologies of integrated arts and sciences.
5. In their fourth year, under the guidance of their chief academic advisor and two sub-academic advisors, who are selected from faculty members in their educational field, students will determine a research theme from their own unique perspective and work independently on a special research thesis (graduation thesis) as a culmination of undergraduate studies.
6. Student achievement is evaluated in two aspects: grades of subjects taken and the degree of achievement of the set learning goals of the Integrated Arts and Sciences Program.

5. Start of the program /Admission conditions

This Program will start at the time of admission. In the School of Integrated Arts and Sciences, although the entrance examinations are divided into arts subjects and science subjects, neither class of admission will affect the acquisition of credits or the selection of an educational field after admission. All students are strongly advised to take Liberal Arts Education Subjects in drafting their course registration plan.

6. Qualification(s)

Type-1 High School Teaching License (in geographical history, civics, mathematics, science, or a foreign language (English))

7. Class subjects and class content

* See the Table of Registration Standards on Attached Sheet 1 for your class subjects.

* See the syllabus announced for each fiscal year for class contents.

8. Academic achievements

- * See the relationships between the evaluation items and evaluation criteria on Attached Sheet 2.
- * See the relationships between the evaluation items and class subjects on Attached Sheet 3.
- * See the Curriculum Map on Attached Sheet 4.

9. Graduation thesis (graduation research) (placement and method & time of assignment)

1) Conditions for special research

At the end of the third year, students are required to have completed at least 100 credits including the “Invitation to Integrated Arts and Sciences” and “Introduction to Integrated Arts and Sciences.”

2) Timing and method of choosing academic advisors

- Academic advisors are composed of chief academic advisors and several sub-academic advisors
- Students select their chief academic advisor from faculty members from their educational field in principle (see Attached Sheet 5).
- In selecting their chief academic advisor, students will visit the faculty members whom they wish to be their chief academic advisors in the educational field that is given from July through October in the third year, and are then required to prepare a “Report on the Interview Related to the Selection of an Academic Advisor for Special Research,” and submit it to their tutor.
- Based on the Report on the Interview, students must prepare a “Request for Desired Chief Academic Advisors for Special Research” in consultation with their tutor for the third year, and submit it to the Student Support Office by November 15. The Notification of Decision for Chief Academic Advisor will be posted on the bulletin board by December 26. If you wish to change your chief academic advisor, you must submit “Request to Change the Chief Academic Advisor for Special Research” to Support Office for the fields of Integrated Arts and Sciences (in charge of Undergraduate Program) by February 10 in your third year.

3) Start of special research

- Students shall start their special research after selecting their academic advisor in principle.
- Students can temporarily select an academic advisor on or after August 1 in the third year, and can work on their research sooner, if they wish. To this end, they are required to have obtained at least 80 credits by the end of the second semester in the second year.

10. Responsibility system

(1) PDCA responsibility system (“Plan,” “Do,” “Check,” and “Act”)

- An Educational Field Committee will be established to implement and assess the bachelor’s degree course.
- The study leader for the educational field shall be the Chair of the Educational Field Committee who will be assisted by the Deputy Chair.
- The Chair and Deputy Chair of the Educational Field Committee shall be responsible for the implementation of the Program.
- The Course Registration Sub Committee, which is established under the Educational Field Committee, shall receive consultations on course registration from students, and cooperate with their tutors.
- The Course Registration Guidance Meeting by Field, which is established for each educational field, shall give concrete course registration guidance to students and shall adjust their course registration.

- The Dean of the School shall have the overall responsibility for assessment/evaluation and improvements.

(2) Program assessment

1) Criteria for assessing the Program

- Whether the class subjects are systematically arranged properly to achieve the goal
- Whether the class contents are appropriate for systematization
- Whether students can be said to have achieved a certain standard in attaining their goals

2) Implementing the assessment

- After the end of the final class of each term or semester, students will assess their classes through a questionnaire

3) Ideas and method of feedback for students

- In assessing individual classes, the opinions of faculty members and the assessment results will be discussed within the Educational Field to improve the assessment.
- The Program on the whole shall be assessed by the Educational Field Committee, the Office of Undergraduate School Dean and the Evaluation Committee in cooperation.

Attached Table (Article 5 of the Detailed Regulations for the School of Integrated Arts and Sciences)

The number of class subjects and the number of credits required for graduation are indicated in the table below. Please confirm the details including Notes below before registering for your courses.

Type	Subject type		Required No. of credits	Class subjects, etc.	No. of credits	Type of course registration	Year in which the subject is taken (Note 1)			
Liberal Arts Education Subjects	Peace Science Foundation Courses		2		2	Elective / Required	'1st'			
	Basic Courses in University Education	Peace Science Courses		2		2	Required	'1st'		
		Introduction to University Education		2	Introduction to University Education	2	Required	'1st'		
		Introductory Seminar for First-Year Students		2	Introductory Seminar for First-Year Students	2	Required	'1st'		
	Advanced Seminar		(0)	Up to one credit can be counted as a credit in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).	1	Free elective	'1st'			
	Common subjects	Area Courses	Courses in Arts and Humanities/Social Sciences	4	(Note 3)	1 or 2	Elective /Required	'1st'		
			Courses in Natural Sciences	4						
			Courses in Arts and Humanities/Social Sciences and Courses in Natural Sciences	16						
		Foreign Languages	English (Note 2)	Basic English Usage		(0)	Communication Basics I	1	Free elective	'1st'
				Communication I		4	Communication Basics II	1		'1st'
				Communication II			Up to two credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).	Communication I A	1	Elective /Required
			Non-English Foreign Languages Foreign Languages: Basic Studies (Select one language from German, French, Spanish, Russian, Chinese, South Korean, and Arabic)		4		Communication I B	1	'1st'	
			Foreign Languages: Intensive Studies		(0)	Communication II A	1			
			Overseas Language Seminar		(0)	Communication II B	1			
			Information and Data Science Courses (Note 4)		4	At least 2 subjects from the four subjects above				
			Health and Sports Courses		2	Basic Foreign Language Subjects I	1	Elective /Required	'1st'	
			Social Cooperation Courses		(0)	Basic Foreign Language Subjects II	1			
						Basic Foreign Language Subjects III	1			
					Basic Foreign Language Subjects IV	1	Free elective	'1st'		
					The credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).					
					The credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).					
					Introduction to Information and Data Sciences				2	Required
				Fundamental Data Science		2	Elective /Required	'1st'		
				Starting Programming from Scratch		2				
				Data science for education		2				
						1 or 2	Elective /Required	'1st'		
				Up to two credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).		1 or 2 or 4	Free elective	'1st'		

	Foundation Courses		6	If you obtain more than six credits from the Foundation Courses, the extra credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences). (Note 3) (Note 5)	1 or 2	Elective /Required	'1st'	
Specialized Education Subjects			2	Invitation to Integrated Arts and Sciences	2	Required	'1st'	
			2	Introduction to Integrated Arts and Sciences	2	Required	'1st'	
	Multidisciplinary Subjects	Field of Human science	2	6	(Note 9)	1	Elective /Required	"2nd"
		Field of Social science	2					
		Field of Natural science	2					
	Educational Field Subjects	Human Research Division	(0)	48	(Note 7) (Note 8)	1 or 2	Elective /Required	"2nd"
		Natural Sciences Research Division	(0)					
		Social Studies Research Division	(0)					
	Specialized Foreign Language Subjects		(0)	4	(Note 6)	2	Elective /Required	"2nd"
Interdisciplinary subjects		(0)	1 or 2			"1st"		
Free elective subjects		10		(Note 8) (Note 10)	1~	Free elective	"1st"	
		6		Special Research	6	Required	'4th'	
No. of credits required for graduation		128						

Note 1: Figures in single quotes (' ') indicate the standard year for starting the related subjects. Students who fail to obtain a credit(s) in said academic year can take the subject again after that semester. Figures in double quotes (" ") indicate the year to start the related subjects, and you can take classes offered in and after that academic year.

Note 2: You can substitute the credits you have obtained by taking "Online English Seminar I & II & III" or "Advanced English for Communication" based on self-learning for English credits (4 credits) necessary for graduation. Also, there is a Credit Transfer System based on foreign language proficiency tests and language training. For details, see items related to English in Liberal Arts Education appearing in the Handbook for Students, "Handling of Credit Accreditation Based on Foreign Language Proficiency Tests, etc." and "Agreements Related to Credit Accreditation for Language Training at Overseas Training Institutions."

Note 3: It is desirable to take the Realm-based Subjects and Basic Subjects each with a good balance, even after subjects from the Specialized Education Field begin to be offered from the second year. Subjects from each field should be well-balanced in the Realm-based Subjects, and Basic Subjects should be taken in a good balance regardless of humanities subjects and science subjects

Note 4: Be sure to take "Introduction to Information and Data Sciences." In addition, select one subject from "Fundamental Data Science" and "Starting Programming from Scratch" and "Data science for education."
If you obtain more than four credits from the Information and Data Science Courses, the extra credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).

Note 5: (1) "Elements of Calculus" can be taken only by students who did not study a subject equivalent to Mathematics III in high school.

(2) "Basic Concepts of Chemistry" can be taken only by students who did not study a subject equivalent to Chemistry (Chemistry Basics not included) in high school.

Note 6: If you obtain more than four credits from Interdisciplinary Subjects and Specialized Foreign Language Subjects combined, the extra credits can be counted toward free elective subjects.

Note 7: (1) To take Educational Field Subjects, you must choose and register one field that you wish to study intensively from three Educational Fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division).

(2) Choose one Course that you wish to study intensively from the registered Educational Field, and set the group as your main Course.

(3) To obtain the 48 credits in Educational Field Subjects, you should take classes from those offered in all Courses in the Educational Field (hereinafter "All Class Subject Groups"). In that case, you must obtain 12 credits in total in all Courses other than the main Course.

(4) The number of credits obtained in Educational Field Subjects can be added to the credits obtained in Free Elective Subjects following the steps below in the final results for course registration in the final year.

①The number of credits in each Course beyond the number of credits in each main Course

②The number of credits in all the Educational Field Subjects obtained beyond the 48 credits

Note 8: At least six credits in classes offered in a field other than the registered Educational Field (limited to those offered to Courses) must be included in those for Educational Field Subjects or in the Free Elective Subjects.

Note 9: Classes of Multidisciplinary Subjects are taught in English or Japanese. Credits from the same subject taken both in English and Japanese will only be counted once toward graduation. Students must complete a total of six credits, two each from the three fields of human science, social science and natural science. Any credits earned exceeding the minimum required credits for graduation (i.e. six credits) can be counted toward free elective subjects.

Note 10: Specialized Education subjects offered by other schools, etc. may be included.

Academic achievements of Integrated Arts and Sciences Program

Relationships between the evaluation items and evaluation criteria

Academic achievements		Evaluation criteria		
Evaluation items		Excellent	Very Good	Good
Knowledge and Understanding	(1) Knowledge and understanding of the importance and characteristics of each discipline and basic theoretical framework.	Being able to systematically fully understand the importance, characteristics, basic theoretical frameworks and features of individual academic disciplines and explain them.	Being able to understand the importance, characteristics, basic theoretical frameworks and features of individual academic disciplines and explain them.	Being able to partially understand the importance, characteristics, basic theoretical frameworks and features of individual academic disciplines.
	(2) Knowledge and understanding of "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.	Fully being able to understand, appropriately send, and receive "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.	Fully being able to understand, send, and receive "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.	Being able to understand, generally send, and receive "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.
	(3) The knowledge and understanding to fully recognize the mutual relations and their importance among individual academic disciplines.	Being able to fully understand, recognize, and appropriately explain the mutual relations and their importance among individual academic disciplines.	Being able to fully understand, recognize, and explain the mutual relations and their importance among individual academic disciplines.	Being able to fully understand, recognize, and partially explain the mutual relations and their importance among individual academic disciplines.
Abilities and Skills	(1) The ability and skills to collect and analyze necessary literature or data among various sources of information on individual academic disciplines.	Being able to fully collect and precisely analyze necessary literature or data among various kinds of information on individual academic disciplines.	Being able to fully collect and analyze necessary literature or data among various kinds of information on individual academic disciplines.	Being able to collect and partially analyze necessary literature or data among various kinds of information on individual academic disciplines.
	(2) The ability and skills to specify necessary theories and methods for consideration of issues.	Being able to exactly specify necessary theories and methods for consideration of issues, and fully make use of them.	Being able to exactly specify necessary theories and methods for consideration of issues, and make use of them.	Being able to specify necessary theories and methods for consideration of issues, and partially make use of them.
	(3) The abilities and skills to summarize one's own research in reports or academic papers, and to deliver presentations at a seminar or research meetings, and to	Being able to summarize research results in reports or academic papers, deliver presentations at seminars or research meetings, and answer questions precisely.	Being able to summarize research results in reports or academic papers, deliver presentations at seminars or research meetings, and answer questions.	Being able to summarize research results in reports and academic papers, deliver presentations at seminars or research meetings, and answer most questions.
Comprehensive Abilities	(1) The general ability to discover issues based on the ethics in research and subjective intellectual interests, and make planning to solve them.	Being able to discover issues based on the ethics in research and subjective intellectual interests, and make effective planning to solve them.	Being able to discover issues based on the ethics in research and subjective intellectual interests, and make planning to solve them.	Being able to discover issues based on the ethics in research and subjective intellectual interests, and partially make planning to solve them.
	(2) The ability to conduct research proactively by combining knowledge, understanding, and skills for the tasks, based on flexible creativity and imagination.	Being able to sufficiently conduct research by combining knowledge, understanding, ability, and skills for the tasks, based on flexible creativity and imagination.	Being able to conduct research by combining knowledge, understanding, ability, and skills for the tasks, based on flexible creativity and imagination.	Being able to conduct research mostly by combining knowledge, understanding, ability, and skills for the tasks, based on flexible creativity and imagination.
	(3) The general ability to logically and simply explain one's own ideas on ways of solving issues to people in different culture and areas, and demonstrate leadership in discussion.	Being able to logically and simply explain one's own ideas on ways of solving issues to peoples in different culture and areas, and fully demonstrate leadership in discussion.	Being able to logically and simply explain one's own ideas on ways of solving issues to peoples in different culture and areas, and demonstrate leadership in discussion.	Being able to explain one's own ideas on ways of solving issues to peoples in different culture and areas, and partially demonstrate leadership in discussion.

Placement of the Liberal Arts Education in the Major Program

The Program in Integrated Arts and Sciences places Liberal Arts Education as an opportunity "to cultivate the foundations of the ability to understand things in an interdisciplinary and comprehensive fashion by broadly encouraging an interest in study," rather than just "acquiring the basic knowledge and techniques directly leading to students' specialties." The detailed learning contents to be acquired are as follows:

- Rich sensibility and flexible ideas, understanding of peace from a diversified standpoint, and understanding mutual relationships between fields, etc.

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Broaden students' perspectives, and change their viewpoints.

- Acquisition of basic knowledge, language skills, and the ability to utilize information, understanding physical strength and health, etc.

↓
Create a foundation for learning.

Subject Classification	Subject Name	Credits	Type of course registration	Grade	Evaluation items																		Total weighted values of evaluation items in the subject
					Knowledge and Understanding						Abilities and Skills						Comprehensive Abilities						
					(1)		(2)		(3)		(1)		(2)		(3)		(1)		(2)		(3)		
					Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	Weighted values of evaluation items in the	Weighted values of evaluation items	
Specialized Education	Laboratory Work in Psychology A	1	Final election	3	-	-	-	-	-	-	40	1	30	1	30	1	-	-	-	-	-	-	100
Specialized Education	Laboratory Work in Psychology B	1	Final election	3	-	-	-	-	-	-	40	1	30	1	30	1	-	-	-	-	-	-	100
Specialized Education	Experimental Methods in Psychology A	1	Final election	3	-	-	-	-	-	-	40	1	30	1	30	1	-	-	-	-	-	-	100
Specialized Education	Experimental Methods in Psychology B	1	Final election	3	-	-	-	-	-	-	40	1	30	1	30	1	-	-	-	-	-	-	100
Specialized Education	Seminar in Behavioral Science	2	Final election	3	-	-	25	1	-	-	25	1	25	1	25	1	-	-	-	-	-	-	100
Specialized Education	Seminar on Original Texts in Behavioral Science	2	Final election	3	-	-	25	1	-	-	25	1	25	1	25	1	-	-	-	-	-	-	100
Specialized Education	Experimental Methods in Psychology C	1	Final election	3	-	-	-	-	-	-	15	1	15	1	25	1	15	1	15	1	15	1	100
Specialized Education	Experimental Methods in Psychology D	1	Final election	3	-	-	-	-	-	-	15	1	15	1	25	1	15	1	15	1	15	1	100
Specialized Education	Laboratory Work in Psychology C	1	Final election	3	-	-	-	-	-	-	15	1	15	1	25	1	15	1	15	1	15	1	100
Specialized Education	Laboratory Work in Psychology D	1	Final election	3	-	-	-	-	-	-	15	1	15	1	25	1	15	1	15	1	15	1	100
Specialized Education	Perceptual and Cognitive Psychology	2	Final election	2	100	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
Specialized Education	Topics in Behavioral Science	2	Final election	3	50	1	50	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
Specialized Education	Advanced Seminar on Original Texts in Behavioral Science	2	Final election	4	-	-	25	1	-	-	25	1	25	1	25	1	-	-	-	-	-	-	100
Specialized Education	Practical Methods in Behavioral Sciences	2	Final election	2	-	-	-	-	-	-	40	1	30	1	30	1	-	-	-	-	-	-	100
Specialized Education	Health and Welfare	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Special Lecture in Sports and Health Sciences	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Sport Psychology	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Sociology of Sport	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Experimental methods in Sport and Health Sciences A	1	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Laboratory Work in Sport and Health Sciences A	1	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Experimental methods in Sport and Health Sciences B	1	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Laboratory Work in Sport and Health Sciences B	1	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Human Motor Control	2	Final election	2	40	1	-	-	30	1	15	1	-	-	15	1	-	-	-	-	-	-	100
Specialized Education	Seminar in Sport and Health Sciences A	2	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Sport Medicine	2	Final election	3	25	1	-	-	25	1	25	1	25	1	-	-	-	-	-	-	-	-	100
Specialized Education	Management of Sport(lec.)	2	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Coaching Theory(lec.)	2	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Seminar in Sport and Health Sciences B	2	Final election	3	10	1	-	-	10	1	10	1	-	-	10	1	30	1	30	1	-	-	100
Specialized Education	Seminar in Sport and Health Sciences C	2	Final election	3	10	1	-	-	10	1	10	1	-	-	10	1	30	1	30	1	-	-	100
Specialized Education	Philosophy of Sport	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Sports Biomechanics	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Physiological adaptation in sport, training and environment	2	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Seminar in Sports statistics	2	Final election	2	50	1	-	-	-	-	50	1	-	-	-	-	-	-	-	-	-	-	100
Specialized Education	Sports Nutrition	2	Final election	2	50	1	-	-	-	-	25	1	-	-	-	-	25	1	-	-	-	-	100
Specialized Education	Sports Ethics	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Sport Intelligence and Strategy	2	Final election	2	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Seminar in Sport and Health Sciences D	2	Final election	3	25	1	-	-	25	1	25	1	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Seminar in Sport and Health Sciences E	2	Final election	3	10	1	-	-	10	1	10	1	-	-	10	1	30	1	30	1	-	-	100
Specialized Education	Seminar in Sport and Health Sciences F	2	Final election	3	10	1	-	-	10	1	10	1	-	-	10	1	30	1	30	1	-	-	100
Specialized Education	Introduction to Life Sciences	2	Final election	2	80	1	-	-	-	-	-	-	10	1	-	-	-	-	10	1	-	-	100
Specialized Education	Fundamental Cell Biology	2	Final election	2	80	1	-	-	-	-	-	-	10	1	-	-	-	-	10	1	-	-	100
Specialized Education	Fundamental Laboratory Work in Chemistry	1	Final election	2	-	-	-	-	-	-	-	-	-	-	100	1	-	-	-	-	-	-	100
Specialized Education	Fundamental Methodology in Chemistry	1	Final election	2	-	-	-	-	-	-	-	-	-	-	100	1	-	-	-	-	-	-	100
Specialized Education	Functional Biochemistry I	2	Final election	2	80	1	-	-	10	1	-	-	5	1	-	-	-	-	5	1	-	-	100
Specialized Education	Cell Biology	2	Final election	2	80	1	-	-	-	-	-	-	10	1	-	-	-	-	10	1	-	-	100
Specialized Education	Cell Motility	2	Final election	2	80	1	-	-	-	-	-	-	10	1	-	-	-	-	10	1	-	-	100
Specialized Education	Functional Biochemistry II	2	Final election	2	-	-	-	-	100	1	-	-	-	-	-	-	-	-	-	-	-	-	100
Specialized Education	Laboratory Work in Life Sciences A	1	Final election	2	40	1	-	-	-	-	-	-	10	1	20	1	-	-	30	1	-	-	100
Specialized Education	Practical Methods in Life Sciences A	1	Final election	2	70	1	-	-	-	-	-	-	15	1	-	-	-	-	15	1	-	-	100
Specialized Education	Cellular Genetics	2	Final election	2	80	1	-	-	-	-	-	-	-	-	20	1	-	-	-	-	-	-	100
Specialized Education	Laboratory Work in Life Sciences B	1	Final election	2	40	1	-	-	-	-	-	-	10	1	20	1	-	-	30	1	-	-	100
Specialized Education	Practical Methods in Life Sciences B	1	Final election	2	70	1	-	-	-	-	-	-	15	1	-	-	-	-	15	1	-	-	100
Specialized Education	Brain Function	2	Final election	3	80	1	-	-	-	-	-	-	10	1	-	-	-	-	10	1	-	-	100
Specialized Education	Molecular Developmental Biology	2	Final election	3	80	1	-	-	-	-	-	-	10	1	-	-	-	-	10	1	-	-	100
Specialized Education	Marine Molecular Biology	3	Final election	3	90	1	-	-	-	-	-	-	5	1	-	-	-	-	5	1	-	-	100
Specialized Education	Laboratory Work in Life Sciences C	1	Final election	3	-	-	-	-	-	-	-	-	-	-	100	1	-	-	-	-	-	-	100
Specialized Education	Practical Methods in Life Sciences C	1	Final election	3	-	-	-	-	-	-	-	-	-	-	100	1	-	-	-	-	-	-	100
Specialized Education	Laboratory Work in Life Sciences D	1	Final election	3	40	1	-	-	-	-	-	-	-	-	30	1	-	-	30	1	-	-	100
Specialized Education	Practical Methods in Life Sciences D	1	Final election	3	70	1	-	-	-	-	-	-	15	1	-	-	-	-	15	1	-	-	100
Specialized Education	Special Topics in Life Sciences A	1	Final election	3	80	1	-	-	10	1	-	-	-	-	-	-	-	-	10	1	-	-	100
Specialized Education	Special Topics in Life Sciences C	1	Final election	3	80	1	-	-	10	1	-	-	-	-	-	-	-	-	10	1	-	-	100
Specialized Education	Lecture and Laboratory course in Marine Biology	2	Final election	3	70	1	-	-	-	-	-	-	-	-	10	1	-	-	20	1	-	-	100
Specialized Education	Special Topics in Life Sciences B	1	Final election	3	80	1	-	-	10	1	-	-	-	-	-	-	-	-	10	1	-	-	100
Specialized Education	Special Lecture in Life Sciences D	1	Final election	3	80	1	-	-	10	1	-	-	-	-	-	-	-	-	10	1	-	-	100
Specialized Education	Special Topics in Life Sciences E	1	Final election	2	80	1	-	-	10	1	-	-	-	-	-	-	-	-	10	1	-	-	100
Specialized Education	Special Topics in Life Sciences F	1	Final election	2	80	1	-	-	10	1	-	-	-	-	-	-	-	-	10	1	-	-	100

Subject Classification	Subject Name	Credits	Type of course registration	Grade	Evaluation items																		Total weighted values of evaluation items in the subject
					Knowledge and Understanding						Abilities and Skills						Comprehensive Abilities						
					(1)		(2)		(3)		(1)		(2)		(3)		(1)		(2)		(3)		
					Weighted values of evaluation items in the																		
Specialized Education	English for the Physical Science	2	Free elective	3	-	-	50	1	-	-	50	1	-	-	-	-	-	-	-	-	-	-	100
Specialized Education	Applied Behavioral Sciences	2	Free elective	3	-	-	-	-	100	1	-	-	-	-	-	-	-	-	-	-	-	-	100
Specialized Education	Science Studies	2	Free elective	2	50	1	-	-	-	-	-	25	1	-	-	-	-	25	1	-	-	-	100
Specialized Education	History of Environmental Issues	2	Free elective	2	50	1	-	-	25	1	-	-	-	-	25	1	-	-	-	-	-	-	100
Specialized Education	Brain Science	2	Free elective	3	70	1	-	-	10	1	-	-	-	-	-	-	-	20	1	-	-	-	100
Specialized Education	Analysis for Economic Development	2	Free elective	2	30	1	-	-	-	-	30	1	-	-	-	-	-	-	40	1	-	-	100
Specialized Education	Gender and Academic Disciplines	2	Free elective	2	-	-	-	-	100	1	-	-	-	-	-	-	-	-	-	-	-	-	100
Specialized Education	Accessibility Studies	2	Free elective	2	-	-	-	-	20	1	-	-	40	1	-	-	-	-	40	1	-	-	100
Specialized Education	Natural Sciences of Life and Environment	1	Free elective	1	80	1	-	-	-	-	-	10	1	-	-	-	-	10	1	-	-	-	100

Curriculum Map of Integrated Arts and Sciences

Academic achievements Evaluation items		1st grade		2nd grade		3rd grade		4th grade	
		Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester
Knowledge and Understanding	Knowledge and understanding of the importance and characteristics of each discipline and basic theoretical framework.	○Peace Science Courses	○Peace Science Courses	○Special Education					
		○Basic Courses in University Education	○Area Courses						
		○Area Courses	○Health and Sports Courses						
		○Health and Sports Courses	○Foundation Courses						
		○Foundation Courses							
	Knowledge and understanding of "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.	○Peace Science Courses	○Peace Science Courses	○Foreign Languages	○Special Education				
		○Foreign Languages	○Foreign Languages	○Special Education					
		○Area Courses	○Area Courses						
		○Foundation Courses	○Foundation Courses						
	The knowledge and understanding to fully recognize the mutual relations and their importance among individual academic disciplines.	◎Invitation to Integrated Arts and Sciences	◎Introduction to Integrated Arts and Sciences	○Special Education	Special Education	○Special Education	○Special Education	○Special Education	○Special Education
		○Peace Science Courses	○Peace Science Courses						
		○Basic Courses in University Education	○Area Courses						
○Area Courses		○Foundation Courses							
○Foundation Courses									

Abilities and Skills	The ability and skills to collect and analyze necessary literature or data among various sources of information on individual academic disciplines.	○Information and Data Science Courses		○Special Education					
	The ability and skills to specify necessary theories and methods for consideration of issues.	◎Introductory Seminar for First-Year Students	△Advanced Seminar	○Special Education					
		△Advanced Seminar							
The abilities and skills to summarize one's own research in reports or academic papers, and to deliver presentations at a seminar or research meetings, and to answer questions.	◎Introductory Seminar for First-Year Students	◎Introduction to Integrated Arts and Sciences	○Special Education	○Special Education	○Special Education	○Special Education	○Special Education	○Special Education	
	◎Invitation to Integrated Arts and Sciences	△Advanced Seminar					◎Special Study	◎Special Study	
	△Advanced Seminar								
Comprehensive Abilities	The general ability to discover issues based on the ethics in research and subjective intellectual interests, and make planning to solve them.	△Advanced Seminar	△Advanced Seminar	○Special Education					
								◎Special Study	◎Special Study
	The ability to conduct research proactively by combining knowledge, understanding, and skills for the tasks, based on flexible creativity and imagination.	△Advanced Seminar	◎Introduction to Integrated Arts and Sciences	○Special Education					
			△Advanced Seminar		○Interdisciplinary Subjects				
								◎Special Study	◎Special Study
	The general ability to logically and simply explain one's own ideas on ways of solving issues to people in different culture and areas, and demonstrate leadership in discussion.	△Advanced Seminar	△Specialized Foreign Language Subjects	△Specialized Foreign Language Subjects	△Specialized Foreign Language Subjects	△Specialized Foreign Language Subjects	△Specialized Foreign Language Subjects	△Specialized Foreign Language Subjects	△Specialized Foreign Language Subjects
			△Advanced Seminar	○Special Education					
								◎Special Study	◎Special Study

Liberal Arts Education Subjects

Specialized Education Subjects

Graduation Thesis

(◎)Required

(○)Elective/required

(△)Free elective